

# Stanford

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## Fernando E Boada

Professor of Radiology (Radiological Sciences Laboratory)

### Bio

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#### ACADEMIC APPOINTMENTS

- Professor, Radiology

### Teaching

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#### STANFORD ADVISEES

##### Postdoctoral Faculty Sponsor

Christian Licht

### Publications

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#### PUBLICATIONS

- **Tractography passes the test: results from the diffusion-simulated connectivity (DiSCo) challenge.** *NeuroImage*  
Girard, G., Rafael-Patiño, J., Truffet, R., Aydogan, D. B., Adluru, N., Nair, V. A., Prabhakaran, V., Bendlin, B. B., Alexander, A. L., Bosticardo, S., Gabusi, I., Ocampo-Pineda, M., Battocchio, et al  
2023; 120231
- **Stepwise Stochastic Dictionary Adaptation Improves Microstructure Reconstruction with Orientation Distribution Function Fingerprinting.** *Computational diffusion MRI : 13th International Workshop, CDMRI 2022, held in conjunction with MICCAI 2022, Singapore, Singapore, September 22, 2022, Proceedings. CDMRI (Workshop) (13th : 2022 : Singapore, Singapore)*  
Filipiak, P., Shepherd, T., Basler, L., Zuccolotto, A., Placantonakis, D. G., Schneider, W., Boada, F. E., Baete, S. H.  
2022; 13722: 89-100
- **Performance of orientation distribution function-fingerprinting with a biophysical multicompartment diffusion model.** *Magnetic resonance in medicine*  
Filipiak, P., Shepherd, T., Lin, Y., Placantonakis, D. G., Boada, F. E., Baete, S. H.  
2022
- **Using fMRI connectivity to define a treatment-resistant form of post-traumatic stress disorder.** *Science translational medicine*  
Etkin, A., Maron-Katz, A., Wu, W., Fonzo, G. A., Huemer, J., Vertes, P. E., Patenaude, B., Richiardi, J., Goodkind, M. S., Keller, C. J., Ramos-Cejudo, J., Zaiko, Y. V., Peng, et al  
2019; 11 (486)
- **Using fMRI connectivity to define a treatment-resistant form of post-traumatic stress disorder** *SCIENCE TRANSLATIONAL MEDICINE*  
Etkin, A., Maron-Katz, A., Wu, W., Fonzo, G. A., Huemer, J., Vertes, P. E., Patenaude, B., Richiardi, J., Goodkind, M. S., Keller, C. J., Ramos-Cejudo, J., Zaiko, Y., Peng, et al  
2019; 11 (486)
- **Informatics methods to enable sharing of quantitative imaging research data** *MAGNETIC RESONANCE IMAGING*  
Levy, M. A., Freymann, J. B., Kirby, J. S., Fedorov, A., Fennessy, F. M., Eschrich, S. A., Berglund, A. E., Fenstermacher, D. A., Tan, Y., Guo, X., Casavant, T. L., Brown, B. J., Braun, et al  
2012; 30 (9): 1249-1256
- **MRI of articular cartilage in OA: novel pulse sequences and compositional/functional markers** *Workshop for Consensus on Osteoarthritis Imaging*  
Gold, G. E., Burstein, D., Dardzinski, B., Lang, P., Boada, F., Mosher, T.

